



02-03-04

Image  
Gp 2817

Express Mail No. ER 392 845 106 US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Rose *et al.*

Confirmation Number: 3581

Serial No.: 10/032,157

Group Art Unit: 2817

Filed: December 21, 2001

Examiner: Benny T. Lee

For: PHASE SHIFT DEVICE IN  
SUPERCONDUCTOR LOGIC

Attorney Docket No.: 11090-045-999

**RESPONSE TO RESTRICTION REQUIREMENT UNDER 37 C.F.R. § 1.142  
AND ELECTION OF SPECIES UNDER 37 C.F.R. § 1.146**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

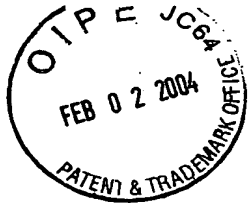
Dear Sir:

This amendment responds to the December 1, 2003 Office Action. Applicants submit concurrently herewith (i) a Fee Amendment Sheet, (ii) a Power of Attorney, and (iii) a Petition for Extension of Time extending the period for response from January 1, 2004 to February 2, 2004 (February 1, 2004 falling on a Sunday).

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims that begins on page 5 of this paper.

**Remarks / Arguments** begin on page 12 of this paper.



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SUPERCONDUCTING LOGIC**

Attorney Docket No: **11090-045-999**

**FEE TRANSMITTAL SHEET**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

The fee required to be filed with the accompanying amendment of even date herewith concerning the above-identified application has been estimated to be \$0.00.

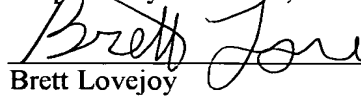
The claim amendment fee has been estimated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)		<input checked="" type="checkbox"/> SMALL ENTITY		<input type="checkbox"/> OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID		PRESENT EXTRA		RATE	ADDIT. FEE	OR	ADDIT. FEE
TOTAL	35	MINUS	73	0	x 9	\$	0.00	x 18	\$
INDEP.	2	MINUS	3	0	x 43	\$	0.00	x 86	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM						\$	0.00		\$
TOTAL						\$	0.00	OR	TOTAL \$

Please charge the required fee to Jones Day Deposit Account No. 16-1150. A copy of this sheet is enclosed.

Date: February 2, 2004

Respectfully submitted,

  
Brett Lovejoy  
**JONES DAY**  
222 East 41st Street  
New York, New York 10017  
(415)-875-5744

42,813  
(Reg. No.)

Enclosure